## MICRO GREENTECH

**REVERSE VENDING MACHINE** 



# REVERSE VENDING MACHINE

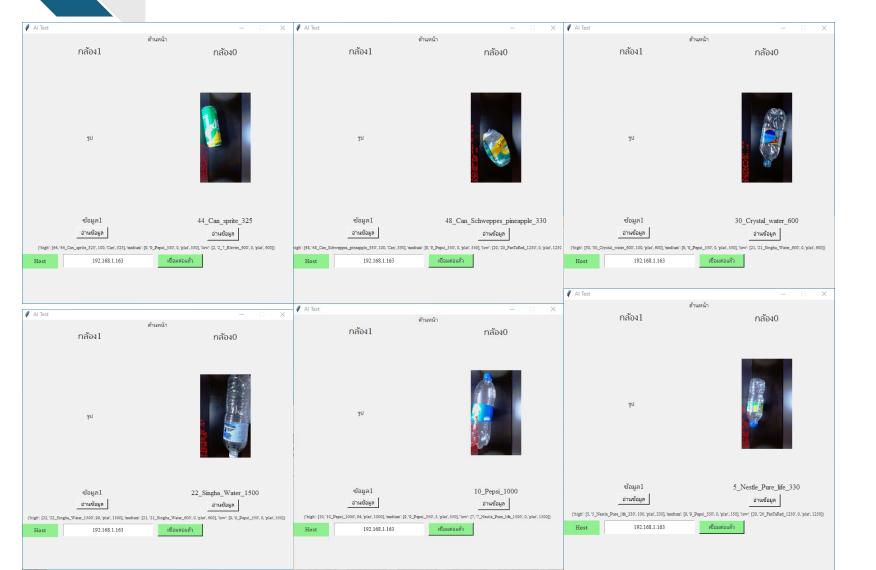
- Monitors Quality of Waste
- Separates Waste
- Provides points as incentives to recycle.
- Used as a collector to increase in flow of plastic bottles for recycling.
- Accepts PET Bottles & Aluminium cans.
- Can use collected points to redeem for discount on other products or service in our ecosystem.
- Monitored through our Server.







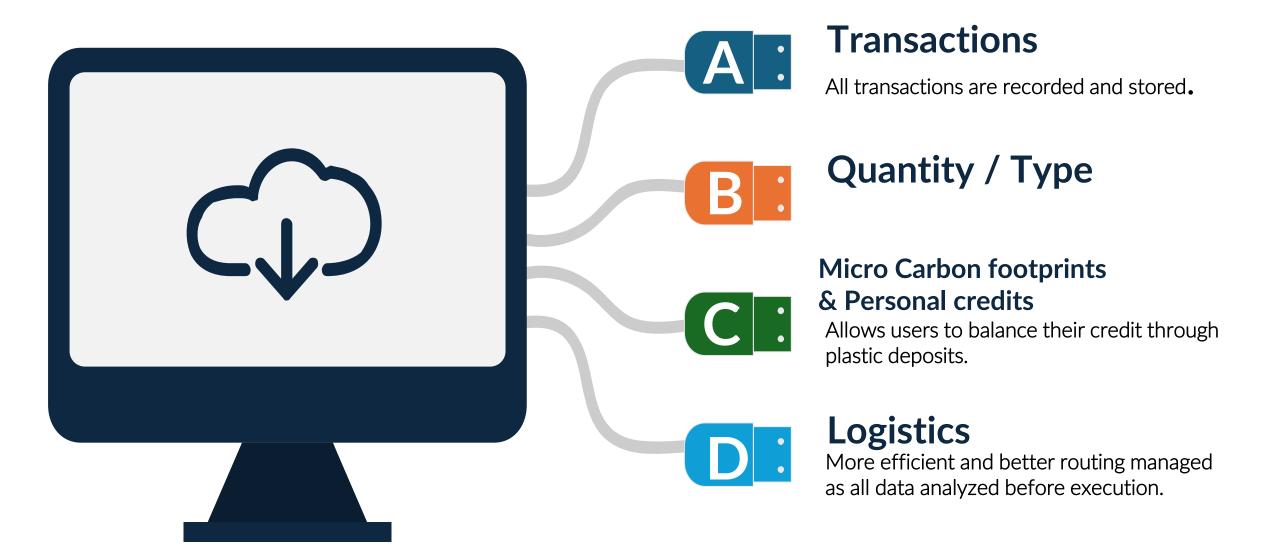
#### AI SAMPLES AND INTEGRATION (100 OVER SAMPLES)



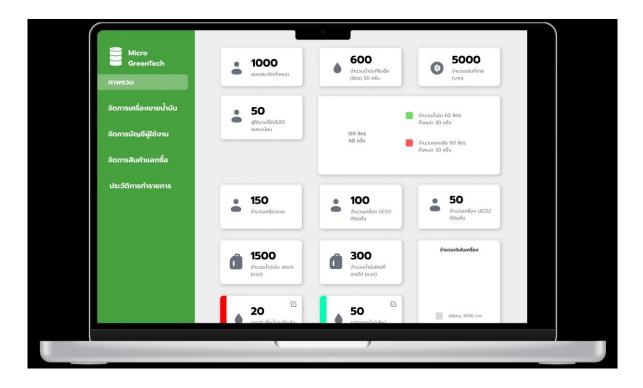


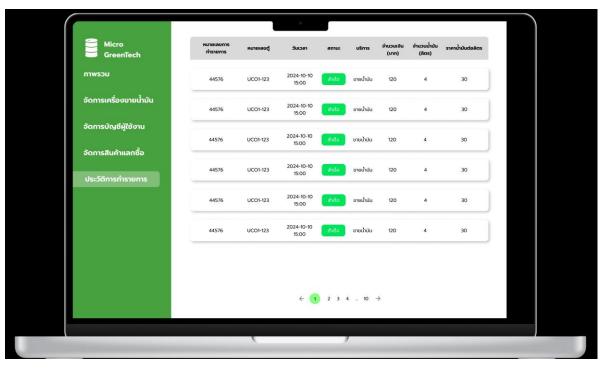


#### WASTE MANAGEMENT APPLICATION



## WEB ADMIN DASHBOARD









#### USER APPLICATION

- 1. TRANSACTION HISTORY
- 2. MACHINE LOCATION
- 3. PROMOTIONS
- 4. POINTS COLLECTED
- 5. REDEMPTION STORES
- 6. REDEMPTION PROCESS
- 7. CONTACT US

#### STORE APPLICATION

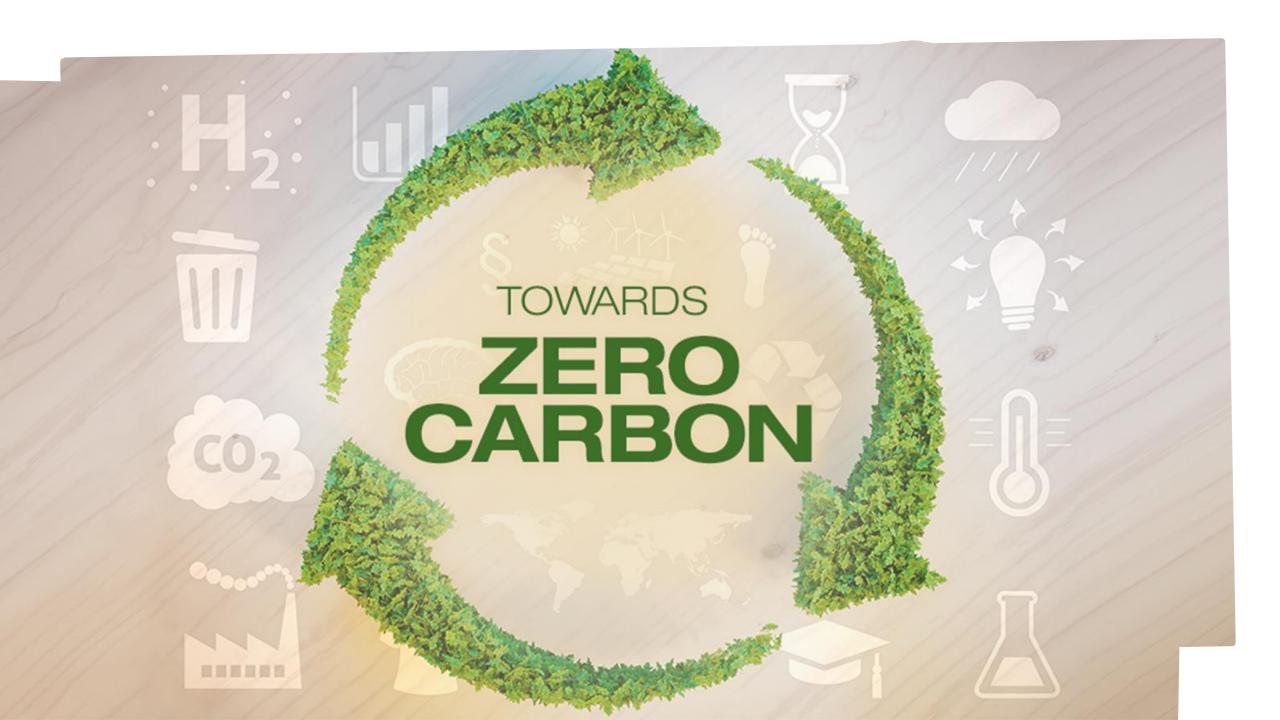
- TRANSACTION HISTORY
- 2. ADD PRODUCTS
- 3. STOCK MANAGEMENT
- 4. ACCOUNTS MANAGEMENT
- 5. QR CODE SCAN
- 6. CONTACT US

**DOWNLOAD NOW!!!** 

# PAFE- PLASTIC ASSET FOR EDUCATION

- PAFE (Plastic Assets for Education) is a transformative campaign spearheaded by Micro Greentech, designed to break down barriers to education. PAFE offers a unique solution by allowing individuals to pay for educational opportunities simply by collecting recyclable PET bottles and aluminum cans.
- This initiative not only promotes environmental responsibility by diverting plastic waste from landfills but also empowers communities by making education accessible to all, regardless of their financial circumstances.
- Through PAFE, Micro Greentech is fostering a circular economy where waste becomes a valuable resource, directly supporting educational advancement and creating a brighter future for individuals and communities alike.







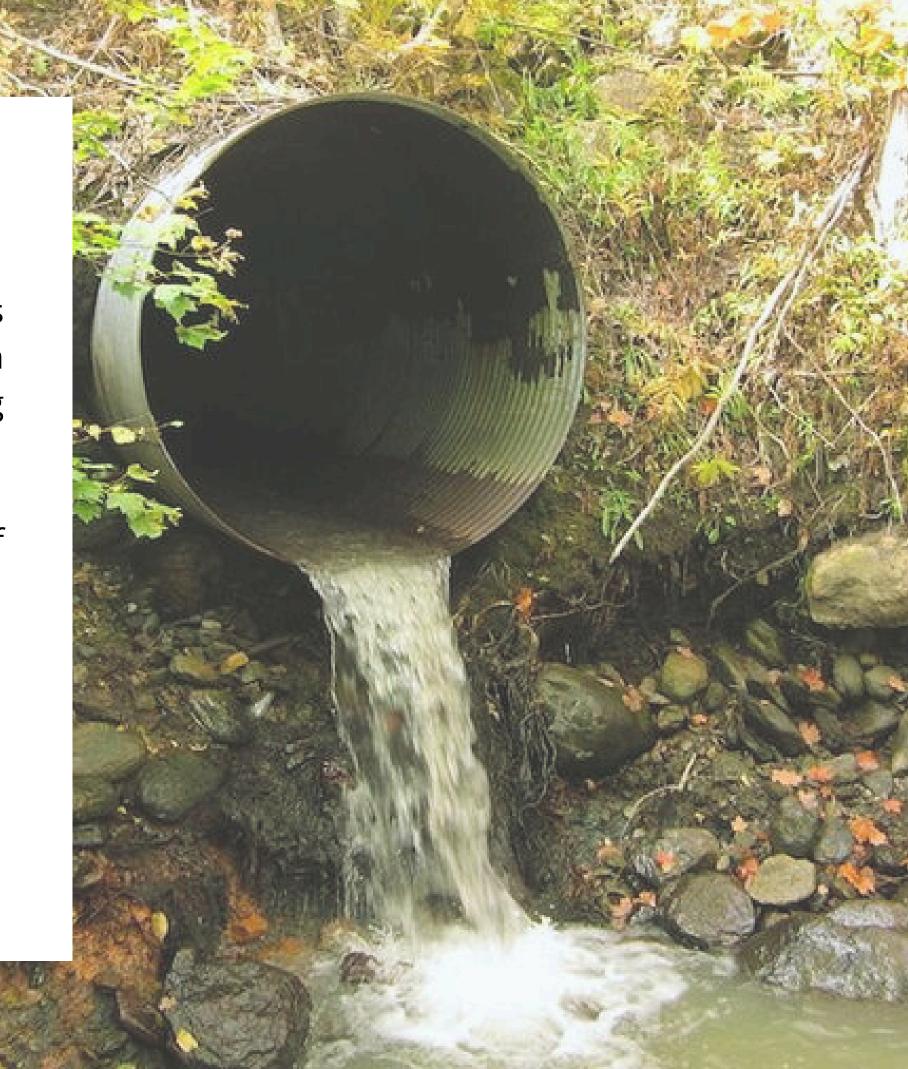
# UCO MACHINE

RAW MATERIAL COLLECTION FOR AVIATION FUEL



#### **CONSUMER CURRENT PROBLEM**

- Used cooking oil is disposed through drainage systems thus it can harm the environment in various methods, such as clogging the drains, harming marine life and infecting natural resources.
- The Energy Policy and Planning Office of the Ministry of Energy indicate that in 2017.
- Used cooking oil in Thailand amounted to around 74 million liters
- 115 million liters per year in 2022





## **OUR SOLUTION**





- 24 inch touch screen
- 30l examination chamber
- Filter for food particles
- Al sensor (6 in 1)
  - 1.Density
  - 2. Viscocity
  - 3.Temperature
  - 4. Micro moisture
  - 5.Color
  - 6.Quality
- 200l chamber to store qa used Cooking oil
- Chamber to return failed qc/qa oil.
- 50l to store failed qc/qa oil.
- 20l water tank
- Self cleaning system
- Member ship program through Phone number.
- Online monitoring cloud server
- Monthly report





### MACHINE LEARNING VS LABOR FORCE

MACHINE COST/ MONTH: 5,000 BAHT	LABOR COST / MONTH : 15,000 BAHT
Zero errors	Higher chances of error
24 Hours service.	Over time surcharges
No leave	Social insurance
No holidays	Leave
No social insurance	Holidays
Maintanence included	Fraud
Online monitoring no fraud	Slower ROI
FASTER ROI	
EXAMPLE 5,000 / 30 DAYS = 166 BAHT / DAY IF IT COLLECTS 60l/ day Cost =2.76 Baht/ Liter.	EXAMPLE  15,000 / 30 DAYS = 500 BAHT / DAY  IF IT COLLECTS 60l / day Cost = 8.33  Baht/ Liter



# THANKS

**CONTACT US** 

